

FOR UTILITY/DESIGN  
CIP/PCT NATIONAL/PLANT  
ORIGINAL/SUBSTITUTE/SUPPLEMENTAL  
DECLARATIONS

RULE 63 (37 C.F.R. 1.55)  
DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PM & S  
FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED LASER MACHINING APPARATUS, AND APPARATUS AND METHOD FOR MANUFACTURING A MULTILAYERED PRINTED WIRING BOARD

the specification of which (CHECK applicable BOX(ES))  
X → ☐ is attached hereto.  
BOX(ES) → ☒ was filed on July 17, 1998 as U.S. Application No. /  
→ ☒ was filed as PCT International Application No. PCT/JP97/04168 on November 14, 1997

and (if applicable to U.S. or PCT application) was amended on /  
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S)			Date first Laid- open or Published	Date Patented or Granted	Priority Claimed	
Number	Country	Day/MONTH/Year Filed			Yes	No
08-326091	JAPAN	20 November 1996			X	
08-326092	JAPAN	20 November 1996			X	
08-358910	JAPAN	27 December 1996			X	
08-358911	JAPAN	27 December 1996			X	

I hereby claim domestic priority benefit under 35 U.S.C. 119/120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)		Status	Priority Claimed	
Application No. (series code/serial no.)	Day/MONTH/Year Filed	pending, abandoned, patented	Yes	No

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Madison & Sutro LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 861-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above firm and/or a below attorney in writing to the contrary.

Paul N. Kokulis	<u>16773</u>	David W. Brinkman	<u>20817</u>	G. Paul Edgell	<u>24238</u>	Richard H. Zaitlen	<u>27248</u>
Raymond F. Lippitt	<u>17519</u>	Donald J. Bird	<u>25323</u>	Lynn E. Eccleston	<u>35861</u>	Roger R. Wise	<u>31204</u>
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Carl G. Love	<u>18781</u>	Dale S. Lazar	<u>28872</u>	David A. Jakopin	<u>32995</u>	Anita M. Kirkpatrick	<u>32617</u>
Edgar H. Martin	<u>20534</u>	Paul E. White, Jr.	<u>32011</u>	Mark G. Paulson	<u>30793</u>		
William K. West, Jr.	<u>22057</u>	Glenn J. Perry	<u>28458</u>	Stephen C. Glazier	<u>31361</u>		
Kevin E. Joyce	<u>20508</u>	Kendrew H. Colton	<u>30368</u>	Paul F. McQuade	<u>31542</u>		
George M. Sirilla	<u>18221</u>	Michelle N. Lester	<u>32331</u>	Ruth N. Morduch	<u>31044</u>		

(1) INVENTOR'S SIGNATURE: Yasuji Hiramoto

Date: Aug. 6, 1998

Yasuji		HIRAMATSU	
First	Middle Initial	Family Name	
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(include Zip Code)	Gifu 501-06 Japan		

(2) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Post Office Address			
(include Zip Code)			

(FOR ADDITIONAL INVENTORS, check box ☐ to attach PAT 116-2 same information for each re signature, name, date, citizenship, residence and address.)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**COMPLETION OF FILING NATIONAL PHASE OF PCT APPLICATION  
UNDER RULE 35 USC 371 AND 37 CFR 1.494(C) OR 1.495(C)****BOX PCT****COMPLETION  
For PCT Cases Only**In re PATENT APPLICATION ofAttn: Application  
DivisionInventor(s): HIRAMATSU, YasujiAppln. No.: 09 | 101,833  
Series Code  $\uparrow$  | Serial No.  $\uparrow$ Atty. Dkt. PMS 255101 | 7012P-U  
M# | Client Ref

National Phase Field

Based on PCT JP97 | 04168  
 $\uparrow$  Country Code

(Our Deposit Account No. 03-3975)

(Our order No. 41226 | 255101)  
C# | M#Title: LASER MACHINING APPARATUS...

Date: January 29, 1999

**FILING OF ITEM(S) LATE IN PCT/USA NATIONAL CASE**Hon. Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Sir:

The following completes the filing of the subject application under Rule 494(c)/495(c) of the Manual of Patent Examining Procedure. Please accept the following attached items:

Adjustment date: 02/02/1999 PVLPE 00000086 09101833  
 01 FC:966 -234.00 OP  
 02 FC:964 -336.00 OP  
 03 FC:968 -260.00 OP

1. ☒ Signed Declaration ☒ Original ☐ Facsimile/Copy ☐ with spec/claims attached

2. ☐ Translation of the International Application into English including:

Adjustment date: 05/11/1999 KDUNCAN1  
 02/02/1999 PVLPE 00000086 09101833  
 06 FC:198 pgs. Spec. and Claims

3. ☐ Translation of the International Application into English including:

a. ☐ Abstract  
 b. ☐ Translation verification  
 c. ☐ Informal  
 d. ☐ Formal of size ☐ A4 ☐ 11"

4. ☐ a copy of International Search Report (ISR) attached (\_\_\_\_ page(s))  
 a. ☐ plus Annex of family member(s) (\_\_\_\_ page(s))

5. Information Disclosure Statement including

- a. ☐ From PTO-1449 listing documents  
 b. ☐ Copies of document(s) listed on Form PTO-1449  
 c. ☐ A concise explanation of ISR references is given in the ISR

6. ☒ Assignment and cover sheet. Please return the recorded assignment to the undersigned.7. ☐ Copy of Power to international application agent.

8. \_\_\_\_ (No.) Verified Statement(s) establishing "small entity" status under Rules 9 &amp; 27.

9. ☐ Formal Drawings: \_\_\_\_ sheet(s) ☐ informal; ☐ formal of size: ☐ A4 ☐ 11"10. ☐ Please immediately start national examination procedures (35 USC 371(f))

11. ☐ Attached:
12. ☒ Preliminary Amendment:
13. ☒ Basic U.S. National fee per Rule 492(a)(1)-(4) was previously timely filed.:
14. **Calculation of remaining fees due (if any):** based on amended claim(s) per above item  
☐ 12 (above) or item(s) in PAT-112 (filed previously) ☐ 12 ☐ 14 ☐ 17 ☐ 25
15. **CLAIMS FEES** ☐ previously paid ☒ paid herewith as follows:

				Large/Small Entity		Fee Code
16. Total Effective Claims	33	minus 20 =	13	x \$22/\$11	+286	966/967
17. Independent Claims	15	minus 3 =	12	x \$82/\$41	+984	964/965
18. If any proper multiple dependent claim (ignore improper) is present,				\$270/\$135	+270	968/969
19. Filing Declaration late, fee paid <input type="checkbox"/> previously <input checked="" type="checkbox"/> now				\$130/\$65	+130	154/254
20. SUBTOTAL					\$1670	
21. Original due date: January 29, 1999						
22. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached				(1 mo)	\$110/\$55 =	+
				(2mos)	\$380/\$190 =	
				(3mos)	\$870/\$435 =	
				(4mos)	\$1360/\$680 =	
23. If "non-English" box 3 is X'd, add Rule 17(k) processing fee . . . . .				\$	+0	139
24. If "assignment" box 6 is X'd, add recording fee. . . . .				\$40	+40	581
25. TOTAL FEE ENCLOSED =					\$1710	

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

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 GJP/slb

Pillsbury Madison & Sutro LLP  
 Intellectual Property Group  
 By: Atty: Glenn J. Perry

Sig:

*[Signature]*

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**NOTE:** File in duplicate with PTO receipt (PAT-103A) and attachments

